

Title (en)
PERIODONTITIS DIAGNOSTIC METHODS, USES AND KITS

Title (de)
PERIODONTITIS-DIAGNOSEVERFAHREN, VERWENDUNGEN UND KITS

Title (fr)
MÉTHODES, UTILISATIONS ET KITS DE DIAGNOSTIC DE PARODONTITE

Publication
EP 3775921 A1 20210217 (EN)

Application
EP 19716201 A 20190412

Priority

- EP 18166961 A 20180412
- EP 2019059488 W 20190412

Abstract (en)
[origin: EP3553524A1] Disclosed is a method for assessing whether a human patient has periodontitis. The method is based on the insight to determine biomarker proteins. Accordingly, in a sample of saliva a patient suffering from periodontitis, the concentrations are measured of the certain protein combinations. One such combination is Alpha-1-acid glycoprotein (A1AGP) and at least one of Profilin and S100 calcium-binding protein A9 (S100A9). Another combination is Pyruvate Kinase (PK) and S100 calcium-binding protein A8 (S100A8). Based on the concentrations as measured, a value is determined reflecting the joint concentrations for said proteins. This value is compared with a threshold value reflecting in the same manner the joint concentrations associated with periodontitis. The comparison allows assessing whether the testing value is indicative of the presence of periodontitis in said patient. Thereby, typically, a testing value reflecting a joint concentration below the joint concentration reflected by the threshold value is indicative for absence of periodontitis in said patient, and a testing value reflecting a joint concentration at or above the joint concentration reflected by the threshold value, is indicative for periodontitis in said patient.

IPC 8 full level
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CPC (source: EP US)
G01N 33/6893 (2013.01 - EP US); **G01N 2333/4728** (2013.01 - US); **G01N 2800/18** (2013.01 - EP US)

Citation (search report)
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